



PRESS INFORMATION

TECHART Powerkits for the 911 Carrera S and 911 Turbo S (MY 2017).

Leonberg, June 13th, 2016

Driving dynamics, tailor-made. TECHART Powerkits for 911 Carrera S and 911 Turbo S.

TECHART increases the power of the new 911 models on demand. The TECHART TECHTRONIC powerkits offer a significant increase in engine performance suitable for daily use. Coming with an EC type approval and backed by an extensive warranty, TECHART TECHTRONIC merges impressive power boosts and peace of mind.

The new TECHART Powerkit for the 911 Turbo S provides a power gain of 60 hp which makes a total of 640 hp and 880 Nm (series: 580 hp, 750 Nm). With the new powerkit for the 911 Carrera S, 480 hp and 580 Nm are at the driver's command (series: 420 hp, 500 Nm). Both powerkits feature the reliable TECHART TECHTRONIC engine management. The TECHART TECHTRONIC for the 911 Carrera S and the 911 Turbo S is available at the price of EUR 3,900.00 plus VAT and installation.

Technical Data

TECHART Powerkit	TA 091/S1	TA 091/T1.1
available for	911 Carrera S and 911 Carrera 4S 3.0/420 hp/500 Nm	911 Turbo S 3.8/580 hp/750 Nm
Power Enhancement	+ 44 kW/+ 60 hp	+ 44 kW/+ 60 hp
Torque Increase	+ 80 Nm	+ 130 Nm
Total Power output	353 kW (480 hp)/580 Nm	471 kW (640 hp)/880 Nm
0-100 km/h (Sport Plus)	911 Carrera S: 3.7 s 911 Carrera S Cabriolet: 3.9 s 911 Carrera 4S: 3.6 s 911 Carrera 4S Cabriolet: 3.8 s	911 Turbo S: 2.7 s 911 Turbo S Cabriolet: 2.8 s
Top track speed	310 km/h	338 km/h



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A closer look. TECHART Powerkit Development.

TECHART TECHTRONIC: Software

TECHART develops individual multidimensional engine maps for every model. This engine maps react dynamically on the relevant parameters such as engine speed, gas pedal position and various engine temperatures. This ensures an intelligent balance of power increase and engine protection in every situation. The results of this first development step then have to undergo severe examination in both, dynamometer tests and on-road/on-track verification.

TECHART TECHTRONIC: Integration

The operation of TECHTRONIC powerkits is intuitive. To activate the permanent power boost, the driver simply switches from NORMAL to SPORT or SPORT PLUS mode by using the standard Sport Button at the center console or the standard Mode Selector at the steering wheel. While in NORMAL mode, the TECHART TECHTRONIC is inactive and the vehicle is operating with its standard power and its standard driving characteristics.

TECHART TECHTRONIC is integrated in the vehicle's CAN data bus system. Unlike conventional electronic aftermarket power-upgrade devices, TECHTRONIC evaluates not only boost pressure and manifold air pressure, but all measured and monitored data required for a precise, dynamic and quick responding management of engine and drivetrain. Last but not least, TECHART TECHTRONIC does not affect the vehicle diagnostics or the standard electronic engine protection features.



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TECHART TECHTRONIC: Results

“The power output of a genuine TECHART powerkit is reliable, durable and repeatable. We do not announce generalized power promises in percentage statements. During the development of the individual engine map, we can predict the maximum power output which will still maintain long-term operation without overstressing engine and drivetrain. This procedure and a power increase rating in absolute numbers is a basic requirement for a EC type approval.” says Moritz Renner, automotive mechatronics engineer at the TECHART development and testing department.

The range of TECHART powerkits offers a wide variety for nearly every Porsche model. Such as the 60 hp / 80 Nm increase for the 911 Carrera S, the 100 hp / 130 Nm enhancement for the Panamera Turbo or even the 180 hp / 170 Nm boost for the Cayenne Turbo, which includes TECHART components in addition to the TECHTRONIC such as high performance TECHART turbo chargers.

TECHART TECHTRONIC: Approval

The EC type approval is mandatory for an easy registration of the powerkit in the vehicle documents. TECHART powerkits are certified in the development process with emission reports conformable to European regulations VO (EG) Nr. 715/2007*692/2008 after the specific engine map is developed. This emission report includes different measuring cycles such as the Type 1 cycle and even the Type 6 cycle for Swiss homologation.

TECHART TECHTRONIC: Installation

The TECHART TECHTRONIC module can be installed quickly by one of the international TECHART distributors or any qualified workshop or service center. Before the installation, the car is inspected and a PIWIS-II vehicle analysis report is made. This documents that the engine is in flawless condition.



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TECHART TECHTRONIC: Warranty

The high TECHART quality standards are backed by an extensive TECHART TECHTRONIC warranty which covers relevant vehicle parts including engine and drivetrain. According to the TECHTRONIC warranty terms, customers are secured by up to EUR 75,000.00 in the event of damage.

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TECHART Automobildesign. The Brand and the Company.

TECHART Automobildesign GmbH, with its headquarters in Leonberg near Stuttgart, sets global standards in terms of premium refinement for Porsche cars. Founded in 1987, TECHART has been living this passion for over 25 years under the leadership of the two managing directors Thomas Behringer and Matthias Krauß. The consistent implementation of own ideas and developments, the company became an internationally renowned brand with over 70 headquarter-based employees and sales partners in over 30 countries. TECHART's product range consists of proprietary developments and designs, offering refinement options for any Porsche model and every section of the vehicle: aerodynamic improvement and exterior styling, technical optimizations such as engine powerkits, exhaust systems, wheels, suspensions or assistance systems, as well as bespoke interior personalization, manufactured by TECHART's inhouse saddlery and upholstery shop. Approved as an internationally registered vehicle manufacturer, TECHART is the premium brand for the refinement of Porsche cars worldwide.

Contact

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